

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---|------------------|---------|------------------|
| L1 | 2 | "20020057896".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/21 23:08 |
| L2 | 10601 | yamamura.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/21 23:08 |
| L3 | 19 | 2 and gaku | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/21 23:09 |
| L4 | 5 | 3 and ring | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/21 23:12 |
| L5 | 278 | (buffer with monitor\$3 with ring)". clm" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/21 23:13 |
| L6 | 1 | 5 and (positional with relation).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/21 23:14 |
| L7 | 1 | 5 and (positional with ring with buffer).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/21 23:14 |
| S1 | 424 | matsumura and toru | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 19:06 |

EAST Search History

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| S2 | 17 | S1 and pulse | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 19:09 |
| S3 | 2 | "20020057896".pn. and (ring near buffer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 23:18 |
| S4 | 7 | oniki and ariyoshi | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 19:18 |
| S5 | 4149 | ring near buffer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 19:18 |
| S6 | 325 | S5 and (time near elaps\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 19:19 |
| S7 | 28 | S6 and (position near information) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 20:47 |
| S8 | 27 | S7 and record\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 20:33 |
| S9 | 16 | S7 and (position with record\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 20:33 |

EAST Search History

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| S10 | 240 | S5 and (position near information) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 20:47 |
| S11 | 102 | S10 and ((record\$3 or reproduce\$3) near2 position) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 20:48 |
| S12 | 45 | S11 and (relat\$3 near2 position\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 20:58 |
| S13 | 5921 | display near3 (relat\$3 near2 position\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 21:26 |
| S14 | 5921 | S13 and (position\$3 near2 relat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 20:59 |
| S15 | 2 | S13 and S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 21:00 |
| S16 | 19 | S13 and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 21:04 |
| S17 | 10315 | (ring or circul\$3) near2 buffer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 21:31 |

EAST Search History

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| S18 | 42245 | (indicat\$3 or show or display) near2 (position\$3 near3 relat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 21:05 |
| S19 | 89 | S17 and S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 21:06 |
| S20 | 109959 | (record\$3 or reproduc\$3) near3 position | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 21:41 |
| S21 | 15 | S19 and S20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 21:15 |
| S22 | 1 | "5715354".pn. and rp | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 21:15 |
| S23 | 114711 | display near3 (position\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 21:25 |
| S24 | 175 | S23 and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 21:26 |
| S25 | 30 | S19 and S24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 21:27 |

EAST Search History

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| S26 | 11 | S25 not S16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 21:27 |
| S27 | 464 | S17 and S20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 21:29 |
| S28 | 436 | S27 not (S2 or S7 or S9 or S18 or S16 or S21 or S25) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 21:42 |
| S29 | 8374 | (record\$3 and reproduc\$3) near3 position | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 21:41 |
| S30 | 49 | S17 and S29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 21:42 |
| S31 | 43 | S30 not (S2 or S7 or S9 or S18 or S16 or S21 or S25) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 21:42 |
| S32 | 7 | ("5410525" "5621712" "5623459" "5793724" "5881031" "5896352" "6055216").PN. OR ("6804178").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/28 22:34 |
| S33 | 6 | S32 and position | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/28 22:41 |
| S34 | 165 | head near finding | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/28 22:55 |
| S35 | 1 | "6804178".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/28 22:55 |

EAST Search History

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| S36 | 1 | "6804178".pn. and position\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/28 23:16 |
| S37 | 1 | "5134499".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/28 23:17 |
| S38 | 1 | "5896352".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/28 23:17 |
| S39 | 1 | "20020057896".pn. and (synthes\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 23:18 |
| S40 | 1 | "20020057896".pn. and (synthes\$3 or synthesizing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 23:37 |
| S41 | 0 | "5134499".pn. and (ring near3 buffer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 23:37 |
| S42 | 2 | "5134499".pn. and position | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:53 |
| S43 | 28726 | (record\$3 with reproduc\$3) with position | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 15:29 |
| S44 | 10676 | S43 and (video or image) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 15:30 |

EAST Search History

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| S45 | 25 | S44 and (head near find\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 15:29 |
| S46 | 12196 | S43 and (record\$3 with reproduc\$3) with head | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 15:30 |
| S47 | 1492 | S43 and (record\$3 with reproduc\$3) near head | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 15:30 |
| S48 | 568 | S47 and (video or image) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 15:53 |
| S49 | 2 | "6639747".pn. and position | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 16:00 |
| S50 | 1 | "6628889".pn. and ((indicate\$3 or displa\$3 or show\$3) near2 position) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 16:03 |
| S51 | 256 | S48 and ((indicate\$3 or displa\$3 or show\$3) near2 position) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 18:18 |
| S52 | 2 | "20030002850".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 18:19 |

EAST Search History

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| S53 | 19135 | shinohara.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 18:20 |
| S54 | 277 | S53 and hiroaki | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 18:20 |
| S55 | 5 | S54 and tv | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 23:02 |
| S56 | 2 | "20020057903".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 23:03 |
| S57 | 366 | kubo and naoki | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 23:04 |
| S58 | 30 | S57 and (image near data) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 23:27 |
| S59 | 2 | "6434097".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 23:28 |
| S60 | 42 | lewis and debbie | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 23:29 |

EAST Search History

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| S61 | 34 | S60 and standard | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 23:29 |
| S62 | 0 | S60 and (mode near2 standard) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 23:30 |
| S63 | 20 | S60 and (mode and standard) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 23:44 |
| S64 | 2 | "5627655".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 23:44 |
| S65 | 2 | "20030002857".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 16:02 |
| S66 | 853 | curtin.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 16:02 |
| S67 | 1 | S66 and (write near protect) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 19:11 |
| S68 | 1 | "5627655".pn. and head\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 19:15 |

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| S69 | 0 | "5627655".pn. and drum\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 22:16 |
| S70 | 2 | "6034832".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 22:58 |
| S71 | 2 | "5832173".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 00:21 |
| S72 | 1 | "5832173".pn. and (start\$3 and end\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 00:05 |
| S73 | 2 | "5832173".pn. and (mark\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 00:31 |
| S74 | 0 | "5134499".pn. and (bit or byte) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 00:16 |
| S75 | 0 | "5134499".pn. and (rate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 00:16 |
| S76 | 0 | "5832173".pn. and (bit or byte or rate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 00:21 |

EAST Search History

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| S77 | 0 | "5134499".pn. and (bit or byte or rate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 00:24 |
| S78 | 2 | "5134499".pn. and (position) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 00:24 |
| S79 | 0 | "5134499".pn. and (stripe) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 00:27 |
| S80 | 1 | "5134499".pn. and (position with (shown or display)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 00:28 |
| S81 | 1 | "5832173".pn. and (mark\$3 with speed) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 00:33 |
| S82 | 0 | "5832173".pn. and (mark\$3 with image) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 00:33 |
| S83 | 0 | "5832173".pn. and (mark\$3 with program) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 00:34 |
| S84 | 0 | "5832173".pn. and (mark\$3 same program) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 00:34 |

EAST Search History

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| S85 | 0 | "5832173".pn. and (mark\$3 same genre) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 00:34 |
| S86 | 1 | "5832173".pn. and (mark\$3 with change\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 00:37 |
| S87 | 0 | "5832173".pn. and (stripe) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 00:37 |
| S88 | 0 | "5832173".pn. and (strip\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 01:12 |
| S89 | 2 | "20020057896" .pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 01:12 |
| S90 | 1 | "5856852".pn. and (image or video or audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 12:19 |
| S91 | 2 | "5101973".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 12:19 |
| S92 | 0 | "5101973".pn. and laminat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 13:03 |

EAST Search History

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| S93 | 0 | "5318222".pn. and laminat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 12:19 |
| S94 | 2 | "5318222".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 13:03 |
| S95 | 0 | "5828996".pn. and video | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 12:54 |
| S96 | 0 | "5318222".pn. and video | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 13:03 |
| S97 | 0 | "5101973".pn. and video | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 14:28 |
| S98 | 1 | "5101973".pn. and audio | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 15:44 |
| S99 | 2 | "5541738".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 15:44 |